

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application.

LISTING OF CLAIMS:

1. (Original) A humor sampling implement comprising:
a main frame part having a humor transfer channel provided to collect humor through a humor inflow port and transfer said humor to a humor outflow port; and,
a detection part provided at said main frame part to detect a predetermined component of said humor transferred through said humor transfer channel; wherein
said main frame part is provided with a convex part arranged so as to be in overlapped relationship with said detection part in plan view and protruding in said humor transfer channel toward said humor outflow port.
2. (Original) The humor sampling implement as set forth in claim 1, wherein said convex part is provided at a position corresponding substantially to a center of said detection part.
3. (Currently Amended) The humor sampling implement as set forth in claim 1 ~~or~~ 2, wherein
said humor transfer channel comprises a first humor transfer channel opening to said humor inflow port, and a second humor transfer channel connected to said first humor transfer channel, said second humor transfer channel being different from

said first humor transfer channel in a direction of humor transfer in which said humor is transferred along the humor transfer channel; and

said convex part is provided at an end portion on a humor outflow port side of said first humor transfer channel of said main frame part so as to protrude in said second humor transfer channel.

4. (Original) The humor sampling implement as set forth in claim 3, wherein the direction of humor transfer in said first humor transfer channel and the direction of humor transfer in said second humor transfer channel are substantially orthogonal to each other.

5. (Original) The humor sampling implement as set forth in claim 3, wherein $V1/V2$ is in a range of from 0.04 to 0.7, where $V1$ [mm^3] is a volume of said convex part, and $V2$ [mm^3] is an inside volume of said second humor transfer channel.

6. (Original) The humor sampling implement as set forth in claim 1, wherein said main frame part has a lower member, and an upper member which is positioned on said lower member and which, together with said lower member, defines a part of said humor transfer channel.

7. (Original) The humor sampling implement as set forth in claim 1, wherein said main frame part has a lower member, and an upper member which is positioned on said lower member and which, together with said lower member, defines a part of said humor transfer channel having a first humor transfer channel

opening to said humor inflow port and a second humor transfer channel connected to said first humor transfer channel, a direction of humor transfer in said second humor transfer channel being substantially orthogonal to that in said first humor transfer channel;

said convex part is provided at an end portion on a humor outflow port side of said first humor transfer channel of said main frame part so as to protrude in said second humor transfer channel and is provided at a position corresponding substantially to a center of said detection unit; and

$V1/V2$ is in a range of from 0.04 to 0.7, where $V1 [mm^3]$ is a volume of said convex part, and $V2 [mm^3]$ is an inside volume of said second humor transfer channel.

8. (Original) A method of humor sampling, wherein a humor sampling implement as set forth in claim 1 is used.

9. (Currently Amended) A method of humor sampling, comprising: the step of

collecting humor through a humor inflow port of a main frame part of a humor sampling implement; ~~and~~ [[,]] ~~said humor sampling implement comprising:~~

~~a main frame part having~~ introducing the humor collected at the humor inflow port to a humor transfer channel and transferring the humor along the humor transfer channel to ~~provided to collect humor through said humor inflow port and transfer said humor to a humor outflow port ; and~~

~~a detection unit provided in said main frame part to detect a predetermined component of said humor transferred through said humor transfer channel; wherein said main frame part is provided with a convex part arranged so as to be in overlapped relationship with said detection unit in plan view and the main frame part comprising a projection protruding in said humor transfer channel toward said humor outflow port.~~

10. (New) The method as set forth in claim 9, wherein the transfer of the humor along the humor transfer channel comprises transferring the humor collected at the humor inflow port along a first humor transfer channel which opens to said humor inflow port and along a second humor transfer channel which is connected to said first humor transfer channel.

11. (New) The method as set forth in claim 9, wherein the transfer of the humor along the humor transfer channel comprises transferring the humor collected at the humor inflow port along a first humor transfer channel which opens to said humor inflow port and transferring the humor along a second humor transfer channel which is connected to said first humor transfer channel and which is oriented at an angle relative to the first humor transfer channel.

12. (New) The method as set forth in claim 9, wherein the transfer of the humor along the humor transfer channel comprises transferring the humor collected at the humor inflow port along a first humor transfer channel which opens to said humor inflow port and transferring the humor along a second humor transfer channel

which is connected to said first humor transfer channel and which is orthogonally oriented relative to the first humor transfer channel.

13. (New) The method as set forth in claim 9, wherein the detection of a predetermined component of said humor transferred through said humor transfer channel comprises supplying said humor that has been transferred to the humor outflow port to a test paper which overlies said projection.

14. (New) A humor sampling implement comprising:
a main frame part provided with a humor inflow port, a humor outflow port and a humor transfer channel extending between the humor inflow port and the humor outflow port;

the main frame comprising a projection provided along said humor transfer channel to at least prevent an increase in a cross-sectional area of a portion of the humor transfer channel between the projection and the humor outflow port; and

a test paper provided at said main frame to absorb at least some of the humor supplied to the humor outflow port and detect a component in the humor.

15. (New) The humor sampling implement as set forth in claim 14, wherein the projection possess a configuration such that a cross-sectional area of the projection decreases toward the humor outlet port.

16. (New) A humor sampling implement as set forth in claim 14, wherein the main frame part comprises a lower member and an upper member, the upper

member being positioned on top of the lower member, the upper member and lower member together defining a part of the humor transfer channel.

17. (New) The humor sampling implement as set forth in claim 14, wherein the humor transfer channel comprises a first humor transfer channel opening to the humor inflow port and a second humor transfer channel connected to the first humor transfer channel, the second humor transfer channel being oriented at an angle other than zero degrees relative to the first humor transfer channel.

18. (New) The humor sampling implement as set forth in claim 17, wherein the projection is provided at an end portion of the first humor transfer channel and protrudes into the second humor transfer channel.

19. (New) The humor sampling implement as set forth in claim 17, wherein $V1/V2$ is in a range of from 0.04 to 0.7, where $V1$ [mm^3] is a volume of the convex part and $V2$ [mm^3] is an inside volume of the second humor transfer channel.